

Mi150

pH/Temperature Laboratory Bench Meter

Mi150 is an advanced pH/Temp microprocessor-based bench meter. It is ideal for students and technicians who need fast and reliable measurements. This meter is provided with a series of new diagnostic features which add an entirely new dimension to the measurement of pH, by allowing the user to dramatically improve the reliability of the measurement:

- Automatic Temperature Compensation (ATC) for good accuracy under fluctuating temperatures;
- Easy to read large custom LCD;
- Easy and Quick Push-button Calibration
- 7 memorized buffers (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01 and 12.45) for calibration;
- Messages on the LCD to make the calibration easy and accurate;
- User-selectable "calibration time out" to remind when a new calibration is necessary;
- Stability Indicator prompts whenever reading stabilizes.

Moreover, it offers an extended temperature range from -20°C (-4°F) to 120°C (248°F), using the MA831R interchangeable temperature probe.



Years warranty
3

MEM

ATC

MTC

Points
2

Dual Display

Self diagnostics

Memorized buffers
7

CE

Specifications	Mi150
Range	pH -2.00 to 16.00 pH Temp -20.0 to 120.0°C / -4.0 to 248.0°F
Resolution	pH 0.01 pH Temp 0.1°C (0.1 °F)
Accuracy (@20°C / 68°F)	pH ±0.01 pH Temp ±0.4°C / ±0.8°F
Typical EMC	pH ±0.02 pH
Deviation	Temp ±0.4°C / ±0.8°F
pH Automatic Calibration	1 or 2 point-calibration, with 7 memorized buffers
Offset Calibration	±1 pH
Slope Calibration	from 80 to 108%
Temperature Compensation	automatic, from -20.0 to 120.0°C / -4.0 to 248.0°F or manual, without temperature probe
pH Electrode	MA917B/1 (included)
Temperature Probe	MA831R (included)
Environment	0 to 50°C / 32 to 122°F; max RH 95%
Input Impedance	10 ¹² Ohm
Power supply	12 VDC power adapter (included)
Dimensions	230 x 160 x 95 mm
Weight	0.9 kg

Glass Electrode & Temperature Probe

Choose from our wide selection of pH and ORP electrodes at pages 6 and 49.



Innovative Design

Compact-size ergonomic design with electrode holder that can hold multiple electrodes & probes.



Accessories

- MA9001** pH 1.68 buffer solution, 230 mL bottle
- MA9004** pH 4.01 buffer solution, 230 mL bottle
- MA9006** pH 6.86 buffer solution, 230 mL bottle
- MA9007** pH 7.01 buffer solution, 230 mL bottle
- MA9009** pH 9.18 buffer solution, 230 mL bottle
- MA9010** pH 10.01 buffer solution, 230 mL bottle
- MA9012** Refilling solution for double junction electrode, 230 mL bottle
- MA9015** Electrode storage solution, 230 mL bottle



- MA9016** Electrode cleaning solution, 230 mL bottle
- MA9112** pH 12.45 buffer solution, 230 mL bottle
- MA9310** 12 VDC Adapter, 220 V
- MA9311** 12 VDC Adapter, 110 V
- MA9315** Electrode Holder
- MA917B/1** Glass body, double junction refillable pH electrode
- MA831R** Temperature probe

Ordering Information

- Mi150 is supplied complete with:
- **MA917B/1** Double junction refillable pH electrode
 - **MA831R** Temperature Probe
 - **MA9315** Electrode Holder
 - **M10004** pH 4.01 Sachet Buffer Solution
 - **M10007** pH 7.01 Sachet Buffer Solution
 - **M10010** pH 10.01 Sachet Buffer Solution
 - **M10016** Sachet Electrode Cleaning Solution
 - Graduate Pipet
 - 12 VDC Adapter
 - Instruction manual